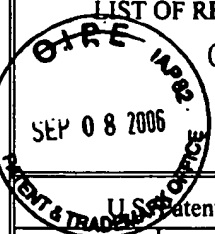


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				Applicants: Michael R. Rice, et al.		Group: 3651	
				Filing Date: August 28, 2003			
U.S. Patent Documents							
*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
JB	US-1	4,006,813	02/08/77	Rene Fluck			
	US-2	4,166,527	09/04/79	Earl F. Beezer			
	US-3	4,222,479	09/16/80	Dugan, et al.			
	US-4	4,294,344	10/13/81	Johannes D. van Maanen			
	US-5	4,450,950	05/29/84	James C. Foote, Jr.			
	US-6	4,538,720	09/03/85	Jean-Louis Limousin			
	US-7	4,552,261	11/12/85	Raudat, et al.			
	US-8	4,584,944	04/29/86	Clarence A. Dehne			
	US-9	4,653,630	03/31/87	Anna Bravin			
	US-10	4,679,685	07/14/87	Kenji Inoko			
JB	US-11	4,702,365	10/27/87	Chong-Il Pak			
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		Document Number	Date	Country	Class	Subclass	Translation
JB	F-1	JP 02098157 A	04/10/90	Japan			Abstract
JB	F-2	JP 00062949 A	02/29/00	Japan			Abstract
JB	F-3	JP 00335799 A	12/05/00	Japan			Abstract
JB	F-4	WO 97/09256 A1	03/13/97	WIPO			Abstract
JB	F-5	WO 00/69724 A1	11/23/00	WIPO			X
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
JB	OT-1	Virvalo, T.K., "Cylinder Speed Synchronization", Dec. 1978, Hydraulics and Pneumatics, Vol. 31, No. 12, pages 55-57.					
JB	OT-2	Cheng, et al., "Adaptive Synchronization Control of a Robotic Manipulator Operating in an Intelligent Workcell", April 1990, IEEE Transactions on Industrial Electronics, Vol. 37, No. 2, pages 119-126.					
JB	OT-3	Shih-Hung Li, et al. "An Ultrahigh Speed Assembly Robot System. Part I. Design", 1994, Proceedings 1994 Japan-U.S.A. Symposium on Flexible Automation - A Pacific Rim Conference, Vol. 2, pages 465-72.					
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	US-13	4,720,006	01/19/88	Harald Lenherr			
	US-14	4,750,605	06/14/88	Brems, et al.			
	US-15	4,852,717	08/01/89	Ross, et al.			
	US-16	4,901,843	02/20/90	Jeffrey A. Lashyro			
	US-17	4,921,092	05/01/90	Crawford, et al.			
	US-18	5,052,544	10/01/91	David L. Anderson			
	US-19	5,092,450	03/03/92	Schommartz, et al.			
	US-20	5,123,518	06/23/92	Ernest H. Pfaff			
	US-21	5,341,915	08/30/94	Cordia, et al.			
JB	US-22	5,560,471	10/01/96	Prochut, et al.			

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Document Number	Date	Country	Class	Subclass	Yes	No		
JB	F-6	EP 0717717 B1	07/07/99	EPO		X		
	F-7	EP 00735927 B1	11/03/99	EPO		Abstract		
	F-8	EP 00912426 B1	08/09/00	EPO		Abstract		
	F-9	EP 0 663 686 A1	07/19/95	EPO		X		
JB	F-10	EP 0 365 589 B1	09/23/92	EPO		X		

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JB	OT-4	Roberts, et al., "Feed Chute Geometry for Minimum Belt Wear", Sept. 1998, 6th International Conference on Bulk Materials Storage, Handling and Transportation, pages 153-159.
JB	OT-5	Saigo, et al., "Drive Control Systems for Processing Lines", 11/10/2000, Fuji Jiho (Fuji Electric Journal), Vol. 73, No. 11, pages 45-49, Japanese language (Abstract only).
JB	OT-6	Saigo, K., "Variable-speed Drive Systems for Industrial Plants", 11/10/2000, Fuji Jiho (Fuji Electric Journal), Vol. 73, No. 11, pages 10-14, Japanese language (Abstract only).

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	US-25	5,782,338	07/21/98	Schuster, et al.			
	US-26	5,797,249	08/25/98	Thomas Patterson Hartness			
	US-27	5,829,574	11/03/98	Mario DelSanto			
	US-28	5,865,292	02/02/99	Aguilar, et al.			
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JB	F-11	EP 0 277 536 A	08/10/88	EPO			Abstract	
JB	F-12	JP 63-020151	01/27/88	Japan			Abstract	
JB	F-13	JP 10-256346	09/25/98	Japan			X	
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JB	OT-7	Park, et al., "Task Sequence Optimization for a Dual-Robot Assembly System using Evolutionary Algorithms", 2001, Proceedings of the Institution of Mechanical Engineers, Part B (Journal of Engineering Manufacture), Vol. 215, No. B6, pages 835-46.
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	US-35	5,372,471	12/13/94	Wu			
	US-36	4,027,246	05/31/77	Caccoma et al.			
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Document Number	Date	Country	Class	Subclass	Yes	No		
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
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	US-51	5,110,249	05/05/92 Arthur E. Norman				
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Document Number	Date	Country	Class	Subclass	Yes	No		
F-26								
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
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	US-68	2004/0081538 A1	04/08/04	Rice et al.			
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	US-2	5,980,183	Fosnight				
	US-3	4,805,759	Rochet et al.				
	US-4	5,332,013	Sugita et al.				
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	US-6	6,524,463	Gramarossa et al.				
	US-7	5,668,056	Wu et al.				
	US-8	2004/0076496	Elliott et al.				
	US-9	2005/0273191	Englhardt et al.				
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JB	US-11	6,440,178	Berner et al.				

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Document Number	Date	Country	Class	Subclass	Yes	No		
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	US-13						
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